

Prof. Dr. Fadil Mohsen Hamed

Assistant President for Scientific Affairs, University of Shatrah

University Presidency, University of Shatrah, Shatrah, Dhi Qar, Iraq

E-mail: fadilmohsen@shu.edu.iq | ORCID: 0000-0003-2865-6071 | Scopus Author ID: 57205443950



SPECIALIZATION

Pharmaceutical Chemistry.

EDUCATION

Ph.D. College of Science, University of Thi-Qar.

POSITIONS

Current Assistant President for Scientific Affairs, University of Shatrah.
Head of the Department of Pharmaceutical Chemistry, College of Pharmacy, University of Thi-Qar.

RESEARCH INTERESTS

- Design and synthesis of new heterocyclic compounds (1,2,4-triazoles, 1,3,4-oxadiazoles, thiadiazoles and Schiff bases).
- Molecular docking and in silico ADME studies.
- Anticancer and antibacterial evaluation of synthesized compounds.
- Phytochemistry of medicinal plants and green chemistry.

RESEARCH PROFILE

- 14 documents indexed in Scopus (Author ID 57205443950).
- 11 works listed in ORCID (0000-0003-2865-6071).

PUBLICATIONS

1. Design, synthesis, and in silico ADME and anticancer evaluation of 4-amino-5-phenyl-1,2,4-triazole-3-thiol Schiff bases. *Indian Journal of Heterocyclic Chemistry* (2026). DOI: 10.59467/ijhc.2026.36.109
2. Design, synthesis and molecular docking studies of novel azo-linked 1,3,4-oxadiazole derivatives for targeting C-Met tyrosine kinase receptor as a possible anticancer agent. *Tropical Journal of Pharmaceutical Research* (2026). DOI: 10.4314/tjpr.v25i3.2
3. Design, synthesis, molecular docking, and anticancer and antibacterial evaluation of new Schiff bases of thiadiazole derivatives targeting cellular mesenchymal-epithelial transition tyrosine kinase. *Indian Journal of Heterocyclic Chemistry* (2026). DOI: 10.59467/ijhc.2026.36.351
4. The protective and therapeutic roles of green tea extract on body weight, inflammatory markers, renal function, oxidative stress, and kidney histopathology in rats treated with gentamicin. *Open Veterinary Journal* (2025). DOI: 10.5455/ovj.2025.v15.i6.43
5. Design, synthesis, antibacterial activity, anticancer activity, and molecular docking study of some apocynin derivatives. *Indian Journal of Heterocyclic Chemistry* (2025). DOI: 10.59467/ijhc.2025.35.49
6. Synthesis, characterization, and pharmaceutical activity of fused triazolothiadiazole derivatives. *Chemical Problems* (2025). DOI: 10.32737/2221-8688-2025-4-465-475

7. Design, molecular docking, ADME study, and anticancer evaluation of some new 3-(benzylthio)- 5-phenyl-4H-1,2,4-triazol-4-amine derivatives. *Indian Journal of Heterocyclic Chemistry* (2025). DOI: 10.59467/ijhc.2025.35.355
8. Synthesis and pharmaceutical activity of triazole schiff bases with theoretical characterization. *Chemical Problems* (2024). DOI: 10.32737/2221-8688-2024-3-332-341
9. Synthesis, Characterization, Molecular Docking Studies and Pharmaceutical Evaluation of some Novel [1,2,4]Triazolo[3,4-B][1,3,4]Thiadiazole. *Jurnal Kimia VALENSI* (2024). DOI: 10.15408/jkv.v10i2.40043
10. Green Chemistry. Review. *EFFLATOUNIA - Multidisciplinary Journal* (2021)
11. Phytochemical and Antimicrobial Study of Acetone Extracts of Menthe and Olive Leaves. *Journal of Research on the Lepidoptera* (2019). DOI: 10.36872/lepi/v50i2/201007
12. Phytochemical screened, characterization and antibacterial activity of hesperetin and hesperidin extracted and isolated from dried oranges peels. *International Journal of Research in Pharmaceutical Sciences* (2018). DOI: 10.26452/ijrps.v9i4.1685
13. Synthesis ,Characterization and invitro evaluation of anticancer activity of new hydroxamicacid basedHDACi containing substituted thaizolesas a cap linking moiety.. *JOURNAL OF ADVANCES IN CHEMISTRY* (2017). DOI: 10.24297/jac.v13i10.5886
14. Synthesis of 2, 3-Dihydro-1,4-naphthaquinone Derivatives for Targeting the Altered Cancer Cells Metabolism. *JOURNAL OF ADVANCES IN CHEMISTRY* (2013). DOI: 10.24297/jac.v12i7.2804